

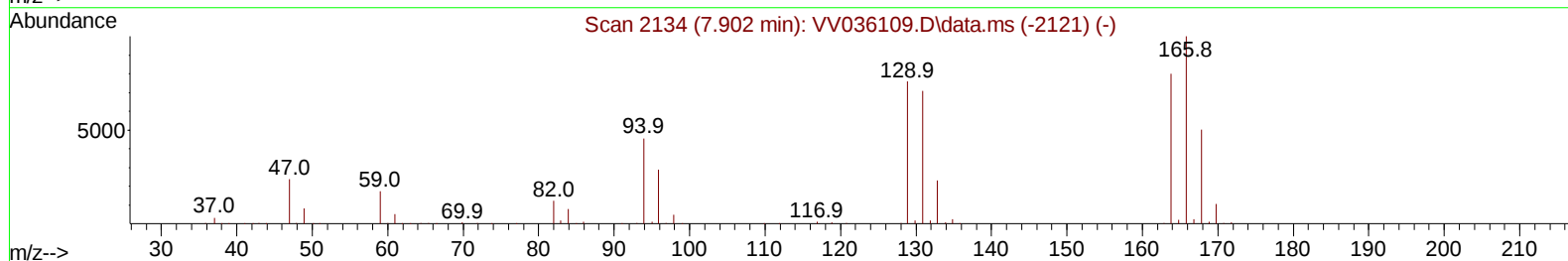
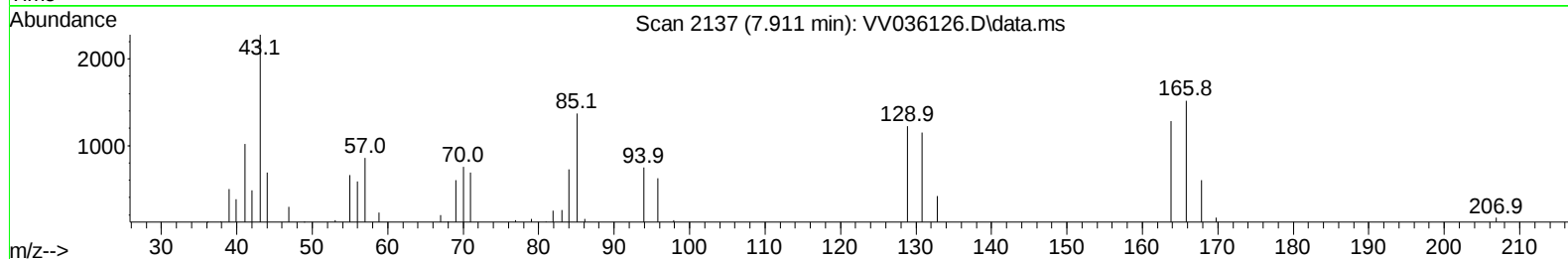
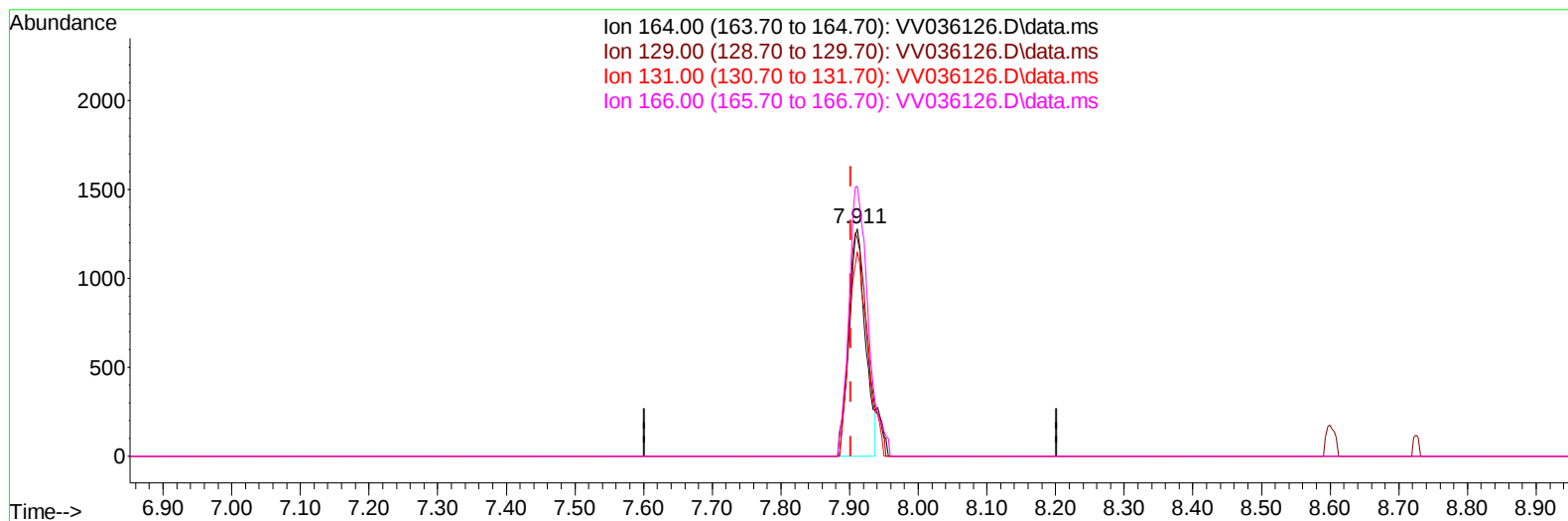
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036126.D
Acq On : 18 Jun 2024 17:59
Operator : SY/MD
Sample : P2873-16
Misc : 2.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK4

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/24/2024
Supervised By :Semsettin Yesilyurt 06/24/2024

Quant Time: Jun 19 03:32:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 03:24:16 2024
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TIC: VV036126.D\data.ms

(46) Tetrachloroethene (T)

7.911min (+ 0.010) 0.48 ug/L

response 2068

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	92.30	95.86
131.00	90.30	89.84
166.00	127.90	118.61

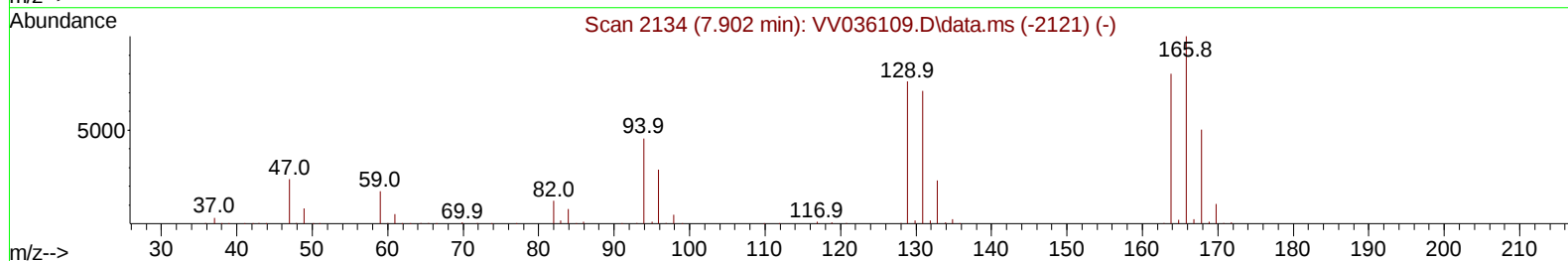
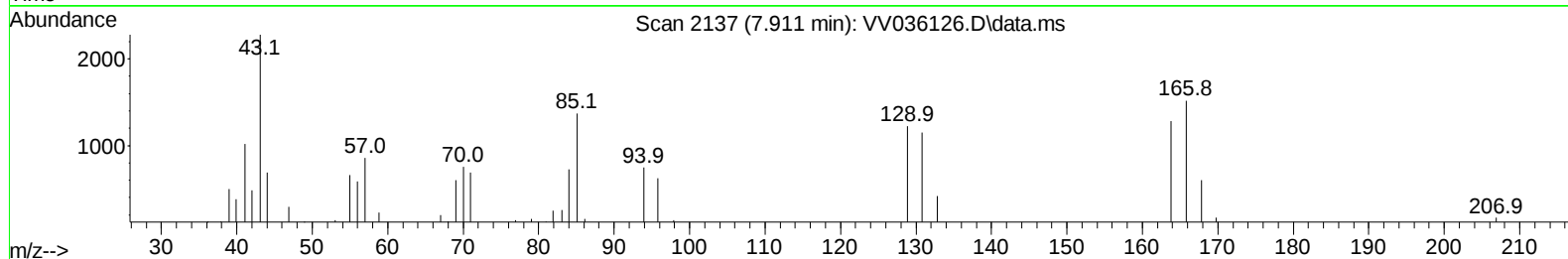
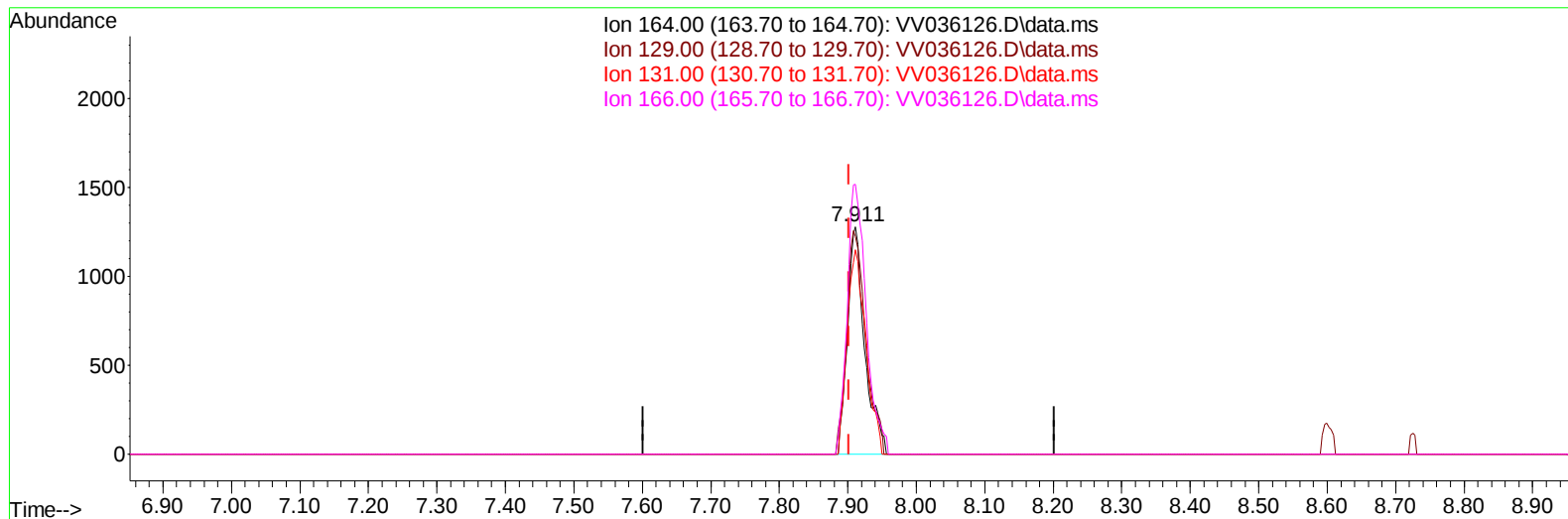
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TIC: VV036126.D\data.ms

(46) Tetrachloroethene (T)

7.911min (+ 0.010) 0.52 ug/L m

response 2235

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	92.30	95.86
131.00	90.30	89.84
166.00	127.90	118.61

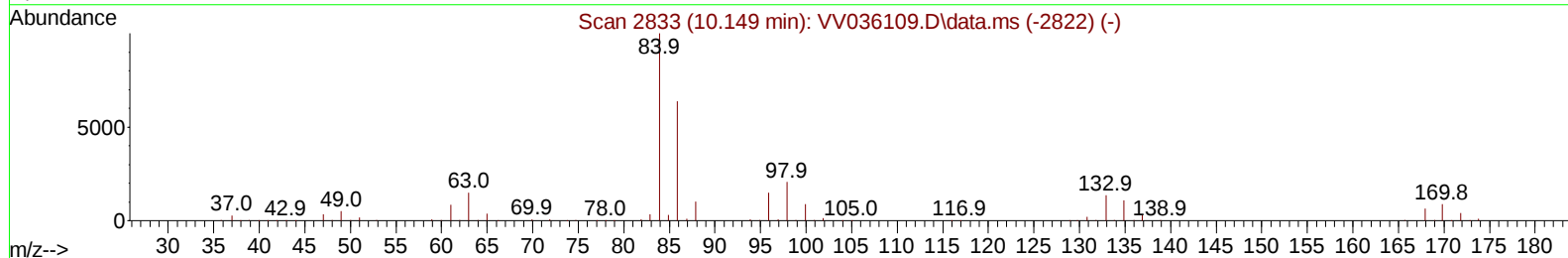
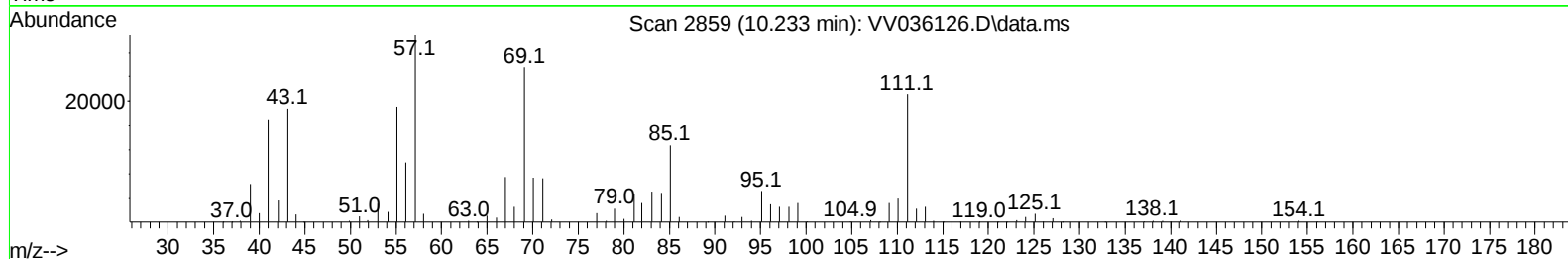
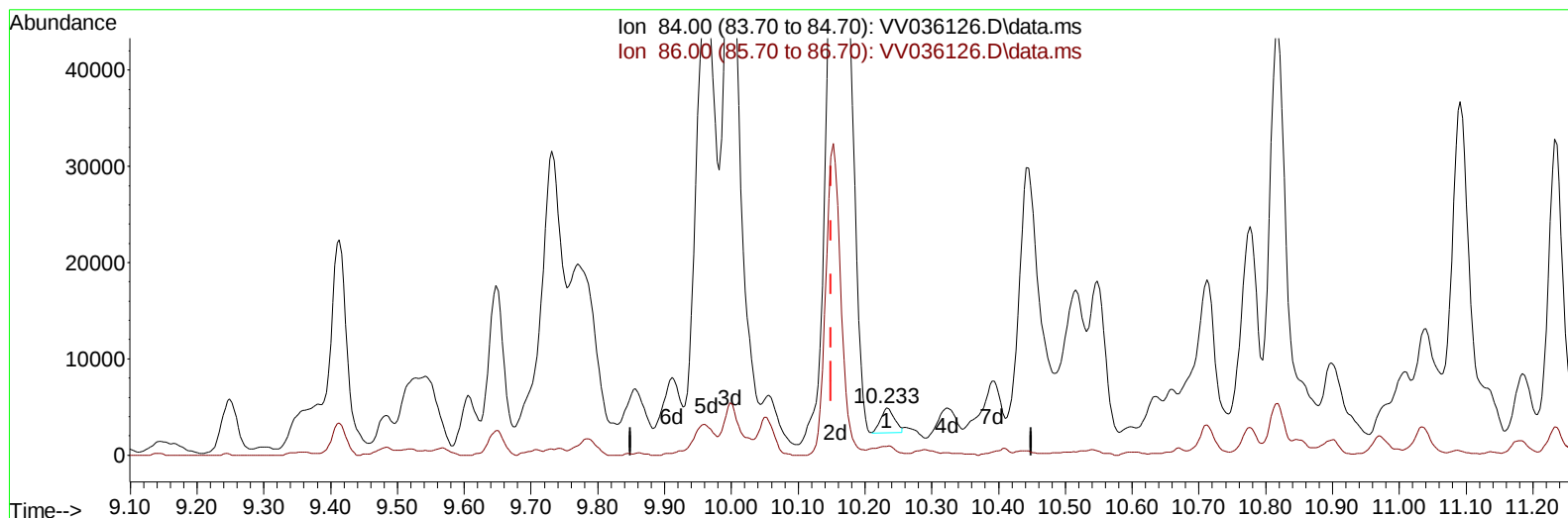
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Instrument :
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ClientSampleId :
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TIC: VV036126.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)

10.233min (+ 0.083) 0.89 ug/L

response 3674

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.40	50.19
0.00	0.00	0.00
0.00	0.00	0.00

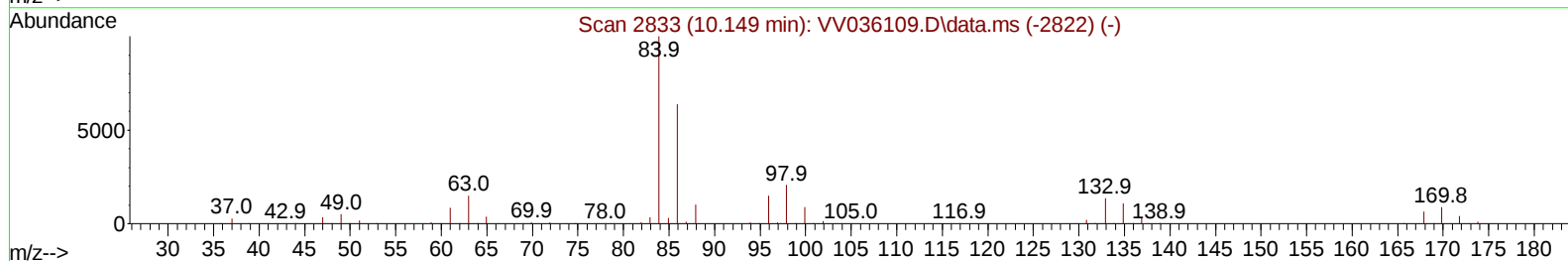
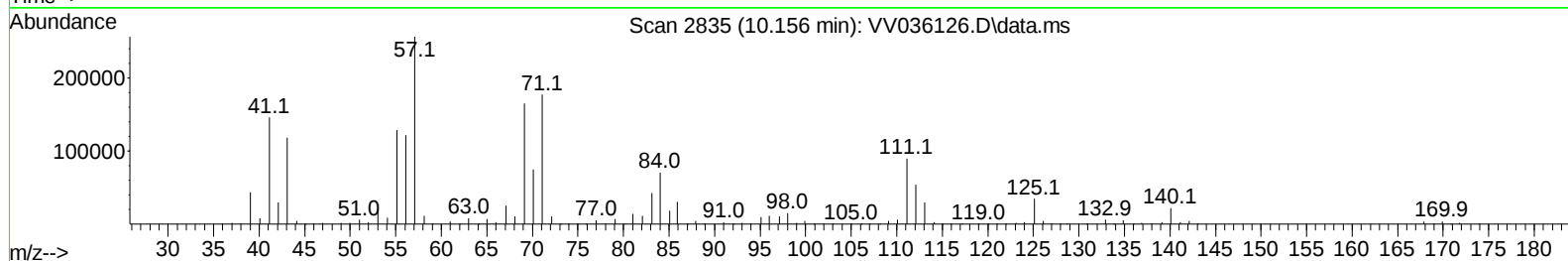
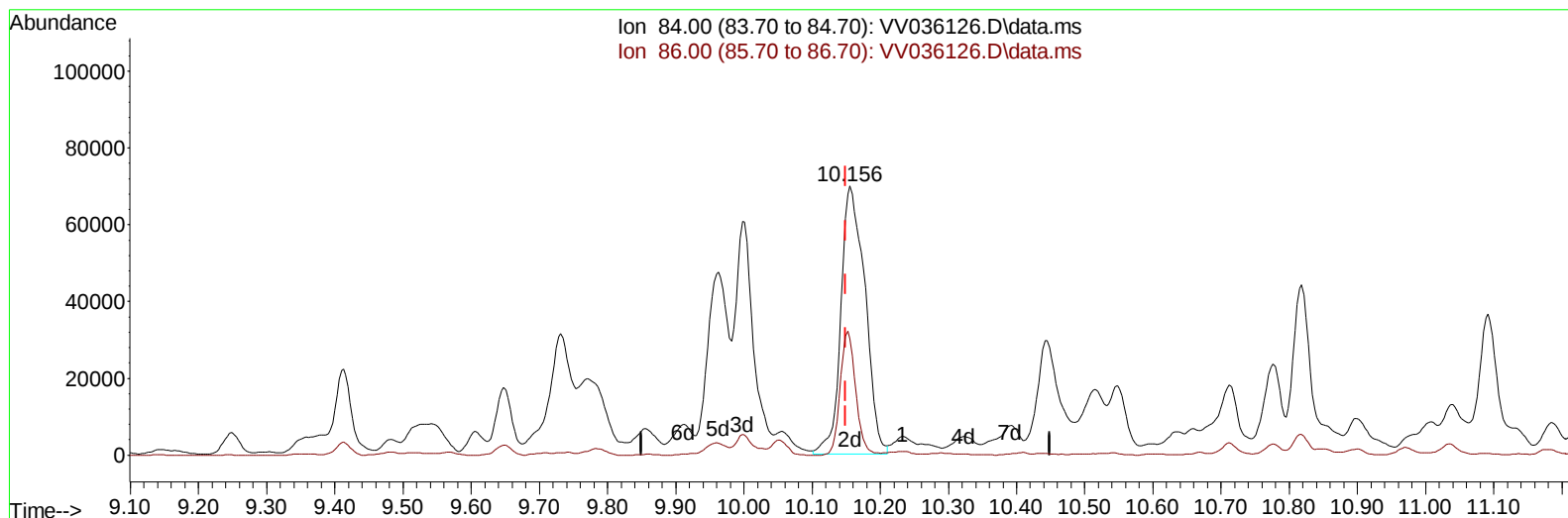
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TIC: VV036126.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)

10.156min (+ 0.006) 41.70 ug/L m

response 171740

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	63.40	1.07#
0.00	0.00	0.00
0.00	0.00	0.00

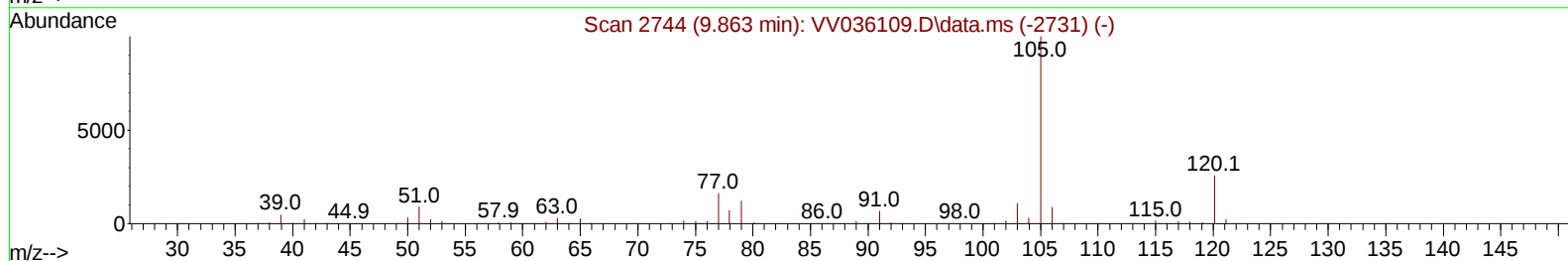
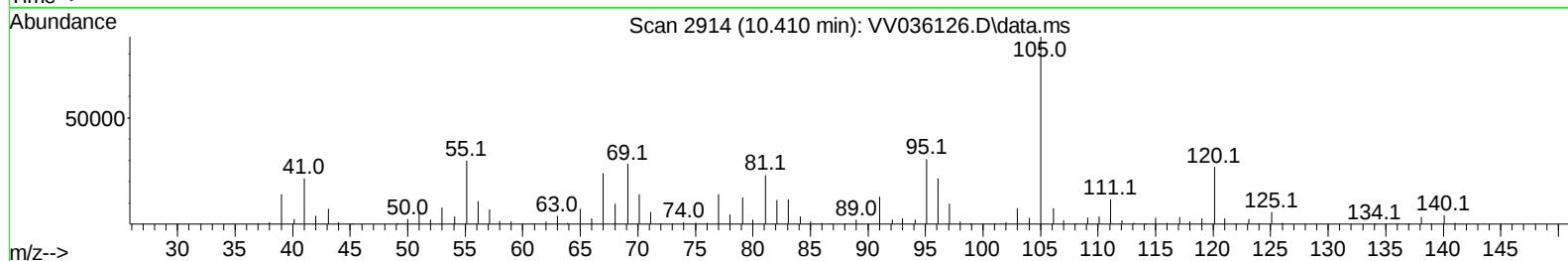
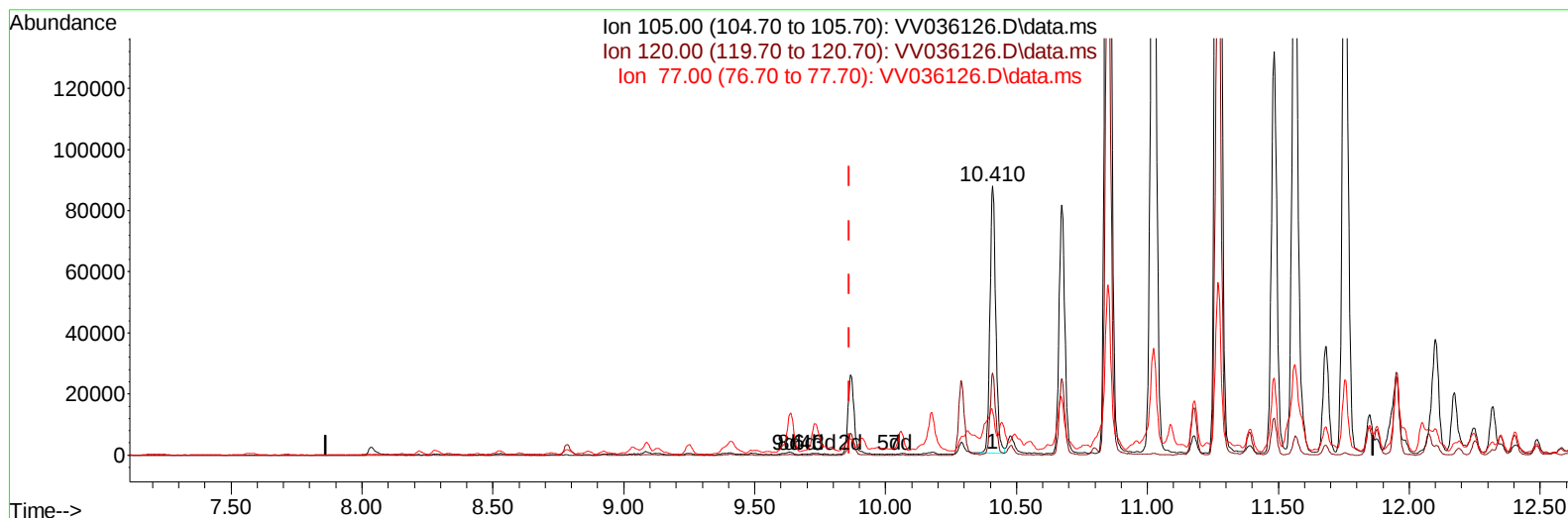
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TIC: VV036126.D\data.ms

(60) Isopropylbenzene

10.410min (+ 0.546) 6.71 ug/L

response 136998

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	26.30	29.68
77.00	15.70	14.74
0.00	0.00	0.00

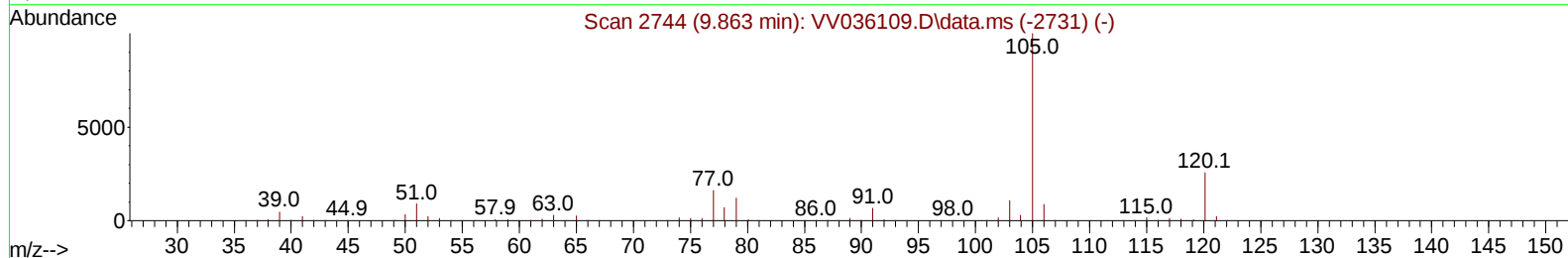
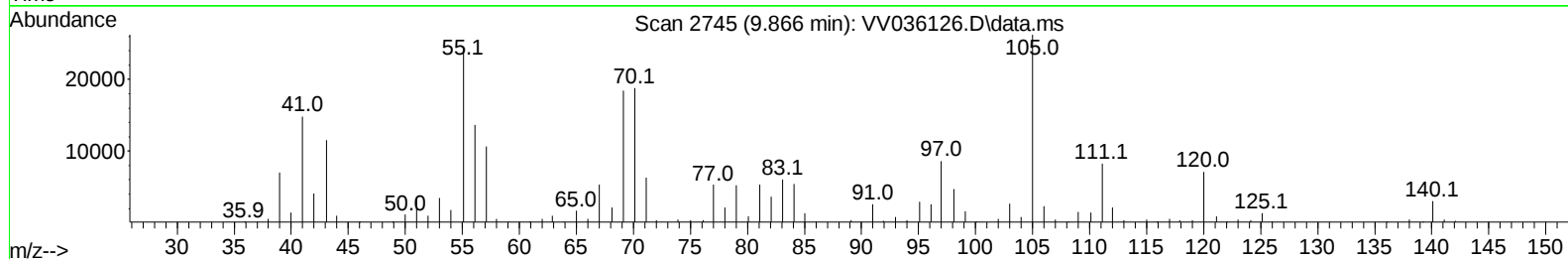
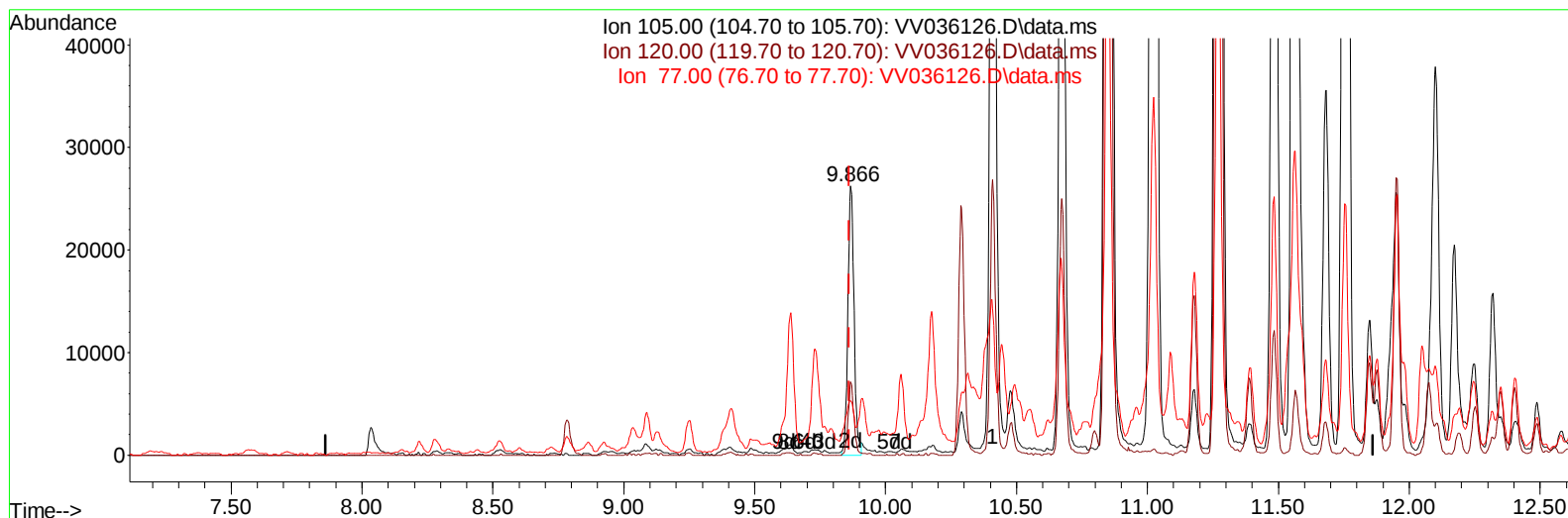
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TIC: VV036126.D\data.ms

(60) Isopropylbenzene

9.866min (+ 0.003) 2.10 ug/L m

response 42812

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	26.30	94.97#
77.00	15.70	47.17#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	238482	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	294425	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	159146	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	71550	16.319	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	65.280%	
7) Chloroethane-d5	1.529	69	62844	17.976	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	71.920%	
11) 1,1-Dichloroethene-d2	2.053	65	33167	16.992	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	67.960%	
21) 2-Butanone-d5	3.825	46	41446	41.200	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	82.400%	
24) Chloroform-d	4.246	84	138122	18.217	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	72.880%	
26) 1,2-Dichloroethane-d4	4.944	65	84858	21.347	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	85.400%	
32) Benzene-d6	4.956	84	249564	14.260	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	57.040%	
36) 1,2-Dichloropropane-d6	5.989	67	89872	16.307	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	65.240%#	
41) Toluene-d8	7.243	98	205411	13.302	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	53.200%	
43) trans-1,3-Dichloroprop...	7.561	79	34568	15.297	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	61.200%	
47) 2-Hexanone-d5	8.034	63	24428	32.714	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	65.420%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	171740m	41.700	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	166.800%#	
66) 1,2-Dichlorobenzene-d4	11.561	152	106699	18.283	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	73.120%#	
Target Compounds						
					Qvalue	
13) Acetone	2.133	43	8034	5.127	ug/L #	42
16) Methylene chloride	2.442	84	29478	5.463	ug/L	100
46) Tetrachloroethene	7.911	164	2235m	0.518	ug/L	
60) Isopropylbenzene	9.866	105	42812m	2.097	ug/L	
62) 1,3,5-Trimethylbenzene	10.477	105	10496	0.709	ug/L	95
63) 1,2,4-Trimethylbenzene	10.850	105	593139	37.183	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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